

## ABSTRACT OF THE DISCLOSURE

A strut component for an orthosis, especially a knee orthosis, takes the form of a deformed ductile metallic tube containing uncured plastics and fibre composite material. The tube has a cross-section which is much longer than its width and with parallel sides, and the composite core is a close-fit within the tube, the internal cross-sectional area of the tube being no more than  $Kc^2$  where  $c$  is the internal circumference of the tube and  $k$  is a number less than or equal to 0.1. When the orthosis is constructed, the strut is shaped to suit the *limb* to be supported and heated to cure the composite core.

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